

**AP55666PU-N****Polyclonal Antibody to SFTS Virus HB29 (Center) - Aff - Purified****Alternate names:**

SFTS Virus HB29 Membrane Glycoprotein Polyprotein

**Quantity:**

0.1 mg

**Concentration:**

1.0 mg/ml

**Background:**

Severe fever with thrombocytopenia syndrome (SFTS) is an emerging infectious disease caused by SFTS virus, a newly discovered bunyavirus that can cause high rates of fatalities. This disease is thought to be transmitted through blood contact. The SFTS virus HB29 membrane glycoprotein polyprotein mRNA encodes two glycoproteins termed Phlebovirus glycoprotein G1 and G2 respectively. This antibody will detect the glycoprotein G2.

**Uniprot ID:**[F1BA4Z](#)**NCBI:**[ADZ04471](#)**GeneID:**[13231111](#)**Host / Isotype:**

Rabbit / IgG

**Immunogen:**

SFTS Virus HB29 Membrane Glycoprotein antibody was raised against an 18 amino acid synthetic peptide near the center of human SFTS Virus HB29 Membrane Glycoprotein .

**Format:****State:** Liquid purified Ig fraction**Purification:** Affinity chromatography purified via peptide column**Buffer System:** PBS containing 0.02% sodium azide.**Applications:**

SFTS Virus HB29 Membrane Glycoprotein antibody can be used for detection of SFTS Virus HB29 Membrane Glycoprotein by ELISA. It will detect 10 ng of free peptide at 1 ug/mL.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

SFTS Virus HB29 Membrane Glycoprotein antibody is specific to the SFTS Virus HB29.

**Species:** Virus

Other species not tested.

**Storage:**

Store the antibody (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Yu XJ, Liang MF, Zhang SY, et al. Fever with thrombocytopenia associated with a novel bunyavirus in China. New Eng. J. Med. 2011; 364:1523-32.

Liu Y, LiQ, Hu W, et al. Person-to-person transmission of severe fever with thrombocytopenia syndrome virus. Vector Borne Zoonotic Dis. 2011; epub.